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TRANSMITTAL FORM

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/718,456	
	Filing Date	November 19, 2003	
	First Named Inventor	Peter J. Hopper et al.	
	Group Art Unit	2812	
	Examiner Name	Kielin, Erik J.	
Total Number of Pages in This Submission	2	Attorney Docket Number	100-23600 (P05738)

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final (Response) <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney By Assignee and Establishment of Right of Assignee to Prosecute Under 37 CFR §3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Certificate of Mailing
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark C. Pickering, Reg. No. 36,239
Signature	
Date	July 26, 2004

CERTIFICATE OF MAILING

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PATENT

Attorney Docket No. 100-23600 [P05738]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
APPLICATION FOR UNITED STATES PATENT

In re Patent Application of)	Group Art Unit: 2812
Peter J. Hopper et al.)	Examiner: Unknown
Appln. No. 10/718,456)	POWER OF ATTORNEY BY ASSIGNEE AND
Filed: November 19, 2003)	ESTABLISHMENT OF RIGHT OF ASSIGNEE
For: PHOTODIODE THAT REDUCES THE)	<u>TO PROSECUTE UNDER 37 C.F.R. §3.73(b)</u>
EFFECTS OF SURFACE)	
RECOMBINATION SITES)	

Commissioner for Patents
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Alexandria, VA 22313-1450

Sir:

NATIONAL SEMICONDUCTOR CORPORATION, assignee of the entire right, title and interest in the above-identified application by assignment dated November 18, 2003, **which assignment is recorded in the U.S. Patent and Trademark Office at Reel 014736, Frame 0698**, hereby appoints the Law Offices of Mark C. Pickering, a firm composed of: Mark C. Pickering (36,239); and the following members of the National Semiconductor Corporation Intellectual Property Department: Christopher J. Byrne (32,204); Eugene C. Conser (39,149); John Maxin (34,668); Coleman F. Reif (38,593); Allen R. Tremain (40,207); Andrew S. Viger (28,552); and Peter Y. Wang (40,452) as our attorney(s) or agent(s) to prosecute the above-identified application, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

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The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Dated: 7/19/04

By: 

Name: Christopher J. Byrne

Title: Director of Intellectual Property and Technology
Licensing

NATIONAL SEMICONDUCTOR CORPORATION